

EXHIBIT A

Report # 13 to Safe Science, Inc.

**In Vivo Evaluation of Safe Science, Inc. Agent
GBC590B Alone and in Combination with
Interferon- α 2b against the Panc-1 Human
Pancreatic Carcinoma Xenograft**

PIEDMONT RESEARCH CENTER

3300 Gateway Centre

MORRISVILLE, NC 27560

Tel. (919) 462-8338 - Fax (919) 462-8339



Report Prepared By: Daniel Dexter/Am
Daniel Dexter, Ph.D.

Statistics Analyzed By: Ben Weigler/Am
Ben Weigler, Ph.D., DVM

Study Conducted By: Robin Ball/Am
Robin Ball, RLAT

Report Reviewed By: Shih-Fong Chen
Shih-Fong Chen, Ph.D.

Report Approved By: Beth A. Hollister
Beth A. Hollister

D May 16, 2000

Confidential

Executive Summary

Piedmont Research Center (PRC) has conducted a number of with agent GBC590B, a novel cancer drug candidate submitted by Safe Science, Inc. (Safe Science). In previous tests, a subset of nude mice bearing the Panc-1 human pancreatic carcinoma xenograft has responded to GBC590B, including some long-term survivors (Report No. 3, September 14, 1998 and Report No. 11, January 20, 2000). These results are interesting because pancreatic cancer is a very difficult disease to treat successfully, and the Panc-1 xenograft model is considered representative of this tumor type. To extend these earlier findings, Safe Science has designed a study in the Panc-1 model using GBC590B alone or in combination with interferon- α 2b (IFN).

The treatment plan for this experiment is presented in the protocol design shown in Table 1. Mice were pair-matched on Day 1 into six groups of ten animals each. Group 1 received vehicle (saline) on Days 1, 2, 4, 6, 8, 10, 12 and 14. Groups 2, 4, 5 and 6 were administered GBC590B i.v. at a dose of 6.4 mg/kg on Days 1, 2, 4, 6, 8, 10, 12 and 14. Groups 3 and 4 received IFN s.c. at 10×10^6 U/kg on a qd x 14 schedule. Groups 5 and 6 were administered IFN s.c. at doses of 5×10^6 U/kg and 2.5×10^6 U/kg respectively. The test was terminated on Day 60. Responses were assessed by survival extension compared to matched monotherapy or control groups, and by number of tumor regressions at the end of the study.

GBC590B did not produce efficacy in this study as a single agent, or in combination with interferon. There was not a subset of mice receiving GBC590B monotherapy alive on Day 60, but five CRs were documented among thirty animals treated with GBC590B and interferon (at these dose levels). However, a thorough statistical analysis could not demonstrate statistical significance for these few long term survivors. The reason no long term responders was achieved with GBC590B monotherapy in this test, unlike results in prior studies (Reports No. 3 and No. 11), is likely because of biological variation in the response of tumor-bearing mice to an agent that produces a variable level of efficacy. PRC will be happy to discuss other experiments evaluating GBC590B with drugs or

biologicals in solid tumor xenograft models, including melanoma which is responsive to interferon in certain situations.

Introduction

Piedmont Research Center (PRC) has conducted a number of studies over the past two years with agent GBC590B, a novel cancer drug candidate submitted by Safe Science, Inc. (Safe Science). In previous tests, a subset of nude mice bearing the Panc-1 human pancreatic carcinoma xenograft has responded to GBC590B, including some long-term survivors (Report No. 3, September 14, 1998 and Report No. 11, January 20, 2000). These results are interesting because pancreatic cancer is a very difficult disease to treat successfully, and the Panc-1 xenograft model is considered representative of this tumor type. To extend these earlier findings, Safe Science has designed a study in the Panc-1 model using GBC590B alone or in combination with interferon- α 2b (IFN). The results of this study are presented in this report.

Methods

Husbandry: Female *nu/nu* mice (Harlan), 12 - 13 weeks of age (at pair-match; Day 1), were fed *ad libitum* water (reverse osmosis, 0.17% Cl) and an autoclaved standard rodent (PICOLAB Mouse Diet 20) diet consisting of: 20% protein; 9% fat; 4% fiber; 6.5% ash; 13.0% moisture, and 2.5% minerals. Mice were housed in static microisolators on a 12-hour light cycle at 21 - 22° C (70 - 72 ° F) and 40% - 60% humidity. PRC specifically complies with recommendations of the *Guide for Care and Use of Laboratory Animals* with respect to restraint, husbandry, surgical procedures, feed and fluid regulation, and veterinary care. The animal care and use program at PRC is AAALAC accredited.

Tumor Implantation: Female nude mice were implanted subcutaneously with 1 mm³ Panc-1 human pancreatic carcinoma fragments in the flank. Tumors were monitored twice weekly and then daily as the neoplasms reached the desired size range, approximately 100 mg. When the carcinomas reached a size range of 62 - 196 mg, the

animals were pair-matched into the various treatment groups (group mean tumor weights ranged from 113 - 114 mg). Estimated Panc-1 weight was calculated using the formula:

$$\text{Tumor Weight (mg)} = \frac{w^2 \times l}{2}$$

Where w = width and l = length in mm of a pancreatic carcinoma.

Drugs: GBC590B was supplied by Safe Science, along with instructions for preparation of the injectable material. Saline was needed to dilute GBC590B to the appropriate concentration for dosing. Interferon- $\alpha 2b$ was obtained from Schering® Corporation as the pharmaceutical drug and was diluted with saline.

Treatment: The treatment plan for this experiment is presented in the protocol design shown in Table 1. Mice were pair-matched on Day 1 into six groups of ten animals each. Group 1 received vehicle (saline) on Days 1, 2, 4, 6, 8, 10, 12 and 14. Groups 2, 4, 5 and 6 were administered GBC590B i.v. at a dose of 6.4 mg/kg on Days 1, 2, 4, 6, 8, 10, 12 and 14. Groups 3 and 4 received IFN s.c. at 10×10^6 U/kg on a qd x 14 schedule. Groups 5 and 6 were administered IFN s.c. at doses of 5×10^6 U/kg and 2.5×10^6 U/kg respectively. The test was terminated on Day 60.

Endpoint: The tumor growth delay (TGD) method was used in this study. In the TGD method, each animal was euthanized when its Panc-1 neoplasm reached a size of 1.2 g. Mean Day of Survival (MDS) values were calculated for all groups. The MDS values were calculated for each group based on the calculated day of death of each mouse as given by the formula:

$$\text{Time to endpoint (calculated)} = \text{Time to exceed endpoint (observed)} - \frac{Wt_2 - \text{endpoint weight}}{\frac{Wt_2 - Wt_1}{D_2 - D_1}}$$

where:

Time to exceed endpoint (observed) = number of days it takes for each tumor to grow past the endpoint (cut-off) size. This is the day the animal is euthanized as a cancer death.

D_2 = day animal is euthanized.

D_1 = last day of caliper measurement before tumor reaches the endpoint.

Wt_2 = tumor weight (mg) on D_2

Wt_1 = tumor weight (mg) on D_1

Endpoint weight = predetermined "cut-off" tumor size for the model being used.

Treatment may cause complete tumor regression (CR), or partial tumor regression (PR) in an animal. Also, therapy may limit the growth of the neoplasm to a small size that does not reach the 1.2 g cut-off by the termination of the study. This latter condition is called stable disease. The duration of a CR, PR or stable disease response in a host was recorded throughout the study.

Toxicity: Animals were weighed twice weekly during the study. Mice were examined frequently for clinical signs of any adverse, drug-related side effects. Acceptable toxicity for cancer drugs in mice is defined by the NCI as a mean group weight loss of 20% or less during the test, and not more than one toxic death among ten treated animals.

Statistics: Descriptive statistics and stem-and-leaf plots were used to explore the distribution of TGD values over treatment groups, including the number and type of censored observations, as justification for the statistical approach to hypothesis testing of any treatment-related differences. The nonparametric Mann-Whitney test was used to evaluate significance of therapy on TGD, excluding censored observations. Kaplan-Meier plots were also constructed and the log-rank test was used to compare survival distributions for groups receiving IFN- $\alpha 2b$. Fisher's Exact test and binomial distributions were used to evaluate independence of the number of surviving mice. All hypothesis

tests were done at a Type I error rate of 5%, and SPSS for Windows (Release 8.0) was used for the analyses.

Results

Efficacy

Vehicle Control: All nine Panc-1 carcinomas grew progressively, and reached the 1.2 g cut-off with a calculated MDS value of 22.6 days. The summary of MDS values and categories and numbers of responses is shown in Table 2. The scattergram plot of individual animal survival times is depicted in Figure 1. The Kaplan-Meier plot of survival is depicted in Figure 2. The individual animal tumor caliper measurements and body weights (raw data) are appended to the report (Appendices A and B).

Treatment Groups: The MDS values determined for the five treatment groups are essentially equal to (or less than) the MDS = 22.6 days determined for the control Group 1. One, two, and two CRs were documented on Day 60 for combination therapy groups 4, 5, and 6 respectively (Table 2 and Figures 1 and 2). However, statistical analyses including Kaplan-Meier and Log Rank tests demonstrated that there are no significant differences in survivors between any groups at the $p = 0.05$ level.

Side Effects

All treatments were very well-tolerated. In general, mean group body weight increased during the experiment, and no toxic deaths occurred (Table 2 and Appendix A).

Discussion

GBC590B did not produce efficacy in this study as a single agent, or in combination with interferon. There was not a subset of mice receiving GBC590B monotherapy alive on Day 60, but five CRs were documented among thirty animals treated with GBC590B and interferon (at these dose levels). However, a thorough statistical analysis could not demonstrate statistical significance for these few long term survivors. The reason no long term responders was achieved with GBC590B monotherapy in this test, unlike results in prior studies (Reports No. 3 and No. 11), is likely because of biological variation in the response of tumor-bearing mice to an agent that produces a variable level of efficacy. PRC will be happy to discuss other experiments evaluating GBC590B with drugs or biologicals in solid tumor xenograft models, including melanoma which is responsive to interferon in certain situations.

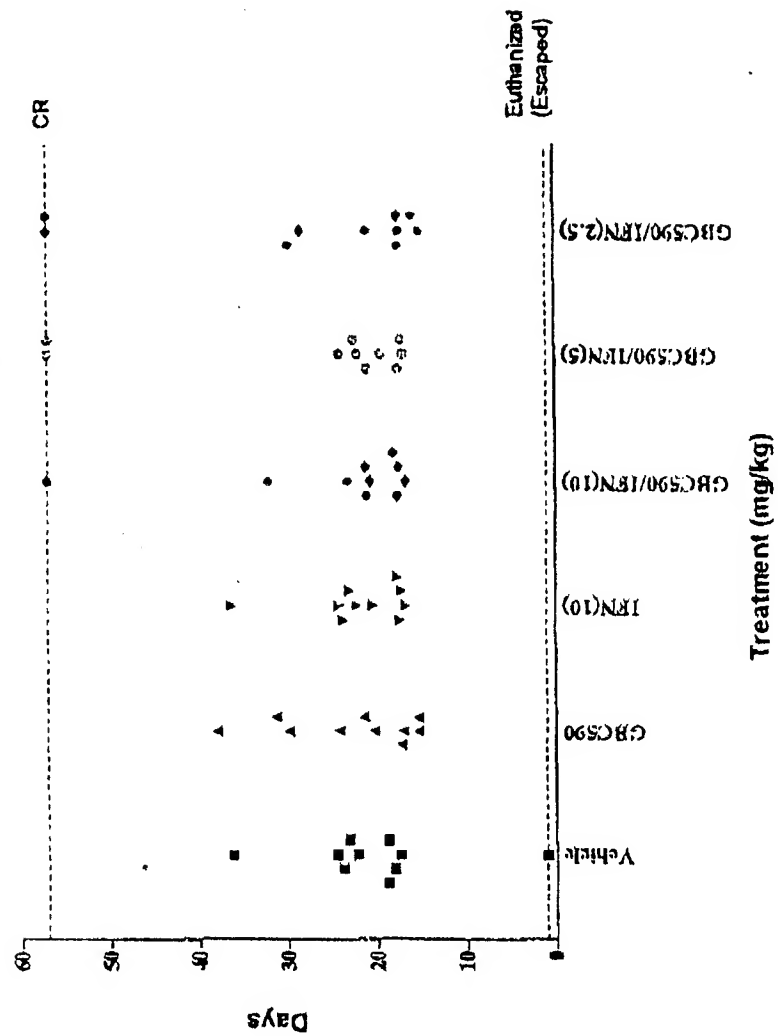
Statistical Analysis by Ben Weigler, Ph.D., DVM

Descriptive statistics and stem-and-leaf plots were used to explore the distribution of TGD values over treatment groups, including the number and type of censored observations, as justification for the statistical approach to hypothesis testing of any treatment-related differences. The nonparametric Mann-Whitney test was used to evaluate significance of therapy on TGD, excluding censored observations. Kaplan-Meier plots were also constructed and the log-rank test was used to compare survival distributions for groups receiving IFN- α 2b. Fisher's Exact test and binomial distributions were used to evaluate independence of the number of surviving mice. All hypothesis tests were done at a Type I error rate of 5%, and SPSS for Windows (Release 8.0) was used for the analyses.

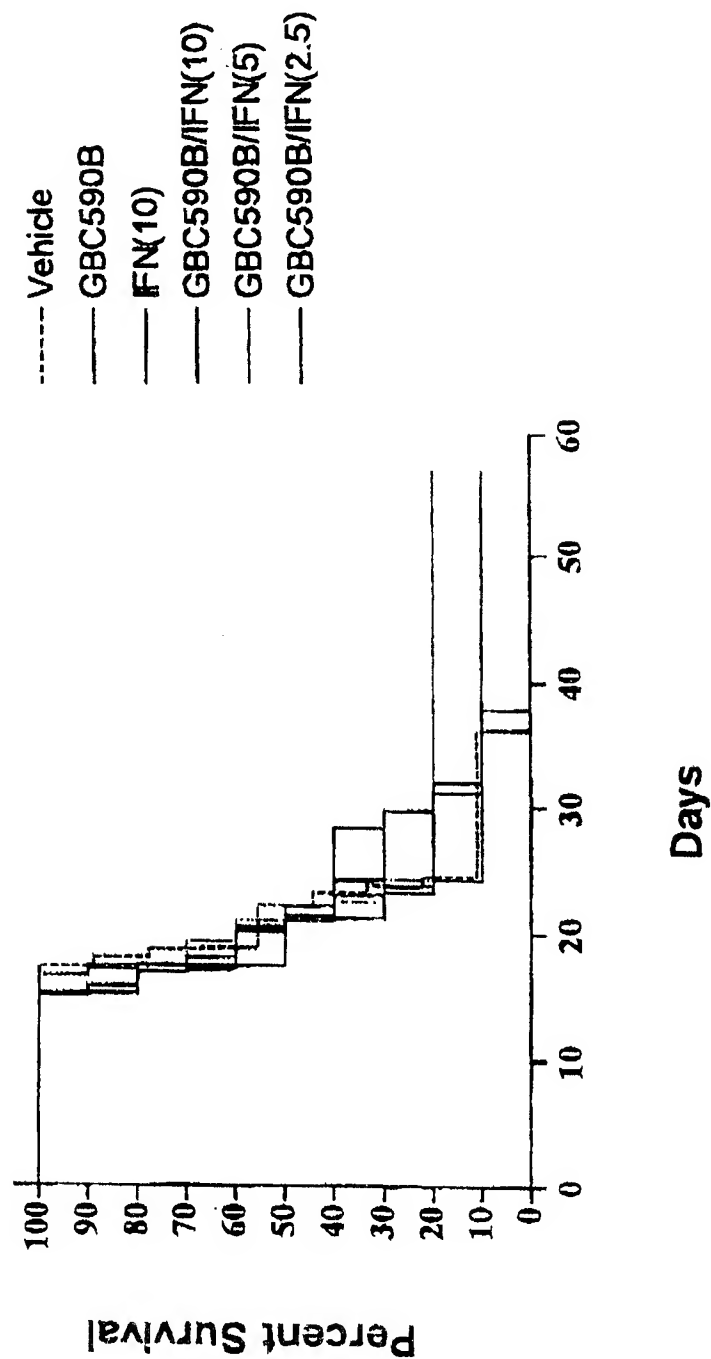
A thorough statistical analysis could not demonstrate statistical significance for the few long term survivors noted in Group 4 (GBC590B, 6.4 mg/kg and IFN- α 2b, 10×10^6 U/kg; n = 1), Group 5 (GBC590B, 6.4 mg/kg and IFN- α 2b, 5×10^6 U/kg; n = 2), and Group 6 (GBC590B, 6.4 mg/kg and IFN- α 2b, 2.5×10^6 U/kg; n = 2).

Figure 1

Survival Times for Individual Mice in the Panc1-e20 Study



GBC590B administered at 6.4 mg/kg
 IFN(10) = IFN- α 2b administered at 10×10^6 U/kg
 IFN(5) = IFN- α 2b administered at 5×10^6 U/kg
 IFN(2.5) = IFN- α 2b administered at 2.5×10^6 U/kg

Figure 2**Kaplan-Meier Survival Plot for
Mice in the Panc1-e20 Study**

GBC590B administered at 6.4 mg/kg
IFN(10) = IFN- α 2b administered at 10×10^6 U/kg
IFN(5) = IFN- α 2b administered at 5×10^6 U/kg
IFN(2.5) = IFN- α 2b administered at 2.5×10^6 U/kg

Table 2
Response Summary for the Panc-e20 Study

Group	n	Regimen 1		Regimen 2		MDS to 1.2 g ± SEM (n)	# Toxic Deaths	# of Survivors	# CR	# PR	# Stable Disease
		Agent	mg/kg	Agent	mg/kg						
1	10	Vehicle	---	---	---	22.6 ± 1.9 (9)	1 ^a	0	0	0	0
2	10	GBC590B	6.4	---	---	23.0 ± 2.4 (10)	0	0	0	0	0
3	10	IFN-α2b 10 x 10 ⁶ Units/kg	6.4	---	---	21.9 ± 1.8 (10)	0	0	0	0	0
4	10	GBC590B	6.4	IFN-α2b 10 x 10 ⁶ Units/kg	10 x 10 ⁶ Units/kg	20.9 ± 1.6 (9)	0	1	1	0	0
5	10	GBC590B	6.4	IFN-α2b	5 x 10 ⁶ Units/kg	20.1 ± 1.0 (8)	0	2	2	0	0
6	10	GBC590B	6.4	IFN-α2b	2.5 x 10 ⁶ Units/kg	20.3 ± 2.0 (8)	0	2	2	0	0

^aThe mouse escaped and was euthanized.

Table 1

Protocol Design for the Panc-e20 Study

Group	n	Treatment Regimen 1				Treatment Regimen 2			
		Agent	mg/kg	Route	Schedule	Agent	mg/kg	Route	Schedule
1	10	Vehicle	---	iv	D1,2,4,6,8,10,12,14	---	---	---	---
2	10	GBC590B	6.4	iv	D1,2,4,6,8,10,12,14	---	---	---	---
3	10	IFN- α 2b	10 x 10 ⁶ Units/kg	sc	qd x 14	---	---	---	---
4	10	GBC590B	6.4	iv	D1,2,4,6,8,10,12,14	IFN- α 2b	10 x 10 ⁶ Units/kg	sc	qd x 14
5	10	GBC590B	6.4	iv	D1,2,4,6,8,10,12,14	IFN- α 2b	5 x 10 ⁶ Units/kg	sc	qd x 14
6	10	GBC590B	6.4	iv	D1,2,4,6,8,10,12,14	IFN- α 2b	2.5 x 10 ⁶ Units/kg	sc	qd x 14

Experiment Number: Pance-20; Technician(s): R. Ball; The Experiment Started on: 3/6/2000

Group 1: Vehicle (— mg.kg)

14/6/20			30/15/20			31/10/20			25/02/21			12/10/21			4/1/22			4/1/22		
Day	Time	Temp	Day	Time	Temp	Day	Time	Temp	Day	Time	Temp	Day	Time	Temp	Day	Time	Temp	Day	Time	Temp
1	5	62.5	7	3	111.5	8	3	216.0	17	15	520.0	11	11	465.5	12	14	518.0	13	14	183.0
2	6	61.0	8	4	146.0	9	4	256.0	18	9	344.0	12	11	501.0	13	14	506.0	14	14	183.0
3	7	61.1	9	5	164.0	10	5	344.0	19	10	354.0	13	12	518.0	14	14	518.0	15	14	183.0
4	8	61.2	10	6	184.0	11	6	344.0	20	11	354.0	14	13	518.0	15	14	518.0	16	14	183.0
5	9	61.3	11	7	111.5	12	7	344.0	21	12	354.0	15	14	518.0	16	14	518.0	17	14	183.0
6	10	61.4	12	8	164.0	13	8	344.0	22	13	354.0	16	15	518.0	17	14	518.0	18	14	183.0
7	11	61.5	13	9	184.0	14	9	344.0	23	14	354.0	17	16	518.0	18	14	518.0	19	14	183.0
8	12	61.6	14	10	164.0	15	10	344.0	24	15	354.0	18	17	518.0	19	14	518.0	20	14	183.0
9	13	61.7	15	11	184.0	16	11	344.0	25	16	354.0	19	18	518.0	20	14	518.0	21	14	183.0
10	14	61.8	16	12	164.0	17	12	344.0	26	17	354.0	20	19	518.0	21	14	518.0	22	14	183.0
11	15	61.9	17	13	184.0	18	13	344.0	27	18	354.0	21	20	518.0	22	14	518.0	23	14	183.0
12	16	62.0	18	14	164.0	19	14	344.0	28	19	354.0	22	21	518.0	23	14	518.0	24	14	183.0
13	17	62.1	19	15	184.0	20	15	344.0	29	20	354.0	23	22	518.0	24	14	518.0	25	14	183.0
14	18	62.2	20	16	164.0	21	16	344.0	30	21	354.0	24	23	518.0	25	14	518.0	26	14	183.0
15	19	62.3	21	17	184.0	22	17	344.0	31	22	354.0	25	24	518.0	26	14	518.0	27	14	183.0
16	20	62.4	22	18	164.0	23	18	344.0	32	23	354.0	26	25	518.0	27	14	518.0	28	14	183.0
17	21	62.5	23	19	184.0	24	19	344.0	33	24	354.0	27	26	518.0	28	14	518.0	29	14	183.0
18	22	62.6	24	20	164.0	25			34	25		28	27	518.0	29	14	518.0	30	14	183.0
19	23	62.7	25	21	184.0	26			35	26		29	28	518.0	30	14	518.0	31	14	183.0
20	24	62.8	26	22	164.0	27			36	27		30	29	518.0						
21	25	62.9	27	23	184.0	28			37	28		31	30	518.0						
22	26	63.0	28	24	164.0	29			38	29		32	31	518.0						
23	27	63.1	29	25	184.0	30			39	30		33	32	518.0						
24	28	63.2	30	26	164.0	31			40	31		34	33	518.0						
25	29	63.3	31	27	184.0				41			35	34	518.0						
26	30	63.4		28	164.0				42			36	35	518.0						
27	31	63.5		29	184.0				43			37	36	518.0						
28	32	63.6		30	164.0				44			38	37	518.0						
29	33	63.7		31	184.0				45			39	38	518.0						
30	34	63.8		32	164.0				46			40	39	518.0						
31	35	63.9		33	184.0				47			41	40	518.0						
32	36	64.0		34	164.0				48			42	41	518.0						
33	37	64.1		35	184.0				49			43	42	518.0						
34	38	64.2		36	164.0				50			44	43	518.0						
35	39	64.3		37	184.0				51			45	44	518.0						
36	40	64.4		38	164.0				52			46	45	518.0						
37	41	64.5		39	184.0				53			47	46	518.0						
38	42	64.6		40	164.0				54			48	47	518.0						
39	43	64.7		41	184.0				55			49	48	518.0						
40	44	64.8		42	164.0				56			50	49	518.0						
41	45	64.9		43	184.0				57			51	50	518.0						
42	46	65.0		44	164.0				58			52	51	518.0						
43	47	65.1		45	184.0				59			53	52	518.0						
44	48	65.2		46	164.0				60			54	53	518.0						
45	49	65.3		47	184.0				61			55	54	518.0						
46	50	65.4		48	164.0				62			56	55	518.0						
47	51	65.5		49	184.0				63			57	56	518.0						
48	52	65.6		50	164.0				64			58	57	518.0						
49	53	65.7		51	184.0				65			59	58	518.0						
50	54	65.8		52	164.0				66			60	59	518.0						
51	55	65.9		53	184.0				67			61	60	518.0						
52	56	66.0		54	164.0				68			62	61	518.0						
53	57	66.1		55	184.0				69			63	62	518.0						
54	58	66.2		56	164.0				70			64	63	518.0						
55	59	66.3		57	184.0				71			65	64	518.0						
56	60	66.4		58	164.0				72			66	65	518.0						
57	61	66.5		59	184.0				73			67	66	518.0						
58	62	66.6		60	164.0				74			68	67	518.0						
59	63	66.7		61	184.0				75			69	68	518.0						
60	64	66.8		62	164.0				76			70	69	518.0						
61	65	66.9		63	184.0				77			71	70	518.0						
62	66	67.0		64	164.0				78			72	71	518.0						
63	67	67.1		65	184.0				79			73	72	518.0						
64	68	67.2		66	164.0				80			74	73	518.0						
65	69	67.3		67	184.0				81			75	74	518.0						
66	70	67.4		68	164.0				82			76	75	518.0						
67	71	67.5		69	184.0				83			77	76	518.0						
68	72	67.6		70	164.0				84			78	77	518.0						
69	73	67.7		71	184.0				85			79	78	518.0						
70	74	67.8		72	164.0				86			80	79	518.0						
71	75	67.9		73	184.0				87			81	80	518.0						
72	76	68.0		74	164.0				88			82	81	518.0						
73	77	68.1		75	184.0				89			83	82	518.0						
74	78	68.2		76	164.0				90			84	83	518.0						
75	79	68.3		77	184.0				91			85	84	518.0						
76	80	68.4		78	164.0				92			86	85	518.0						
77	81	68.5		79	184.0				93			87	86	518.0						
78	82	68.6		80	164.0				94			88	87	518.0						
79	83	68.7		81	184.0				95			89	88	518.0						
80	84	68.8		82	164.0				96			90	89	518.0						
81	85	68.9		83	184.0				97			91	90	518.0						
82	86	69.0		84	164.0				98			92	91	518.0						
83	87	69.1		85	184.0				99			93	92	518.0						
84	88	69.2		86	164.0				100			94	93	518.0						
85	89	69.3		87	184.0															
86	90	69.4		88	164.0															
87	91	69.5		89	184.0															
88	92	69.6		90	164.0															
89	93	69.7		91	184.0															
90	94	69.8		92	164.0															
91	95	69.9		93	184.0															
92	96	70.0		94	164.0															
93	97	70.1		95	184.0	</														

CRANDALL, J. (1961) *et al.*

[illegible]Group 3: IFN- $\alpha 2b$ (10×10^6 U/kg mg/kg)

No.	18 May		19 May		20 May		21 May		22 May		23 May		24 May		25 May		26 May		27 May		28 May		29 May		30 May		31 May		1 June		2 June		3 June		4 June		5 June		6 June		7 June		8 June		9 June		10 June		11 June		12 June		13 June		14 June		15 June		16 June		17 June		18 June		19 June		20 June		21 June		22 June		23 June		24 June		25 June		26 June		27 June		28 June		29 June		30 June		1 July		2 July		3 July		4 July		5 July		6 July		7 July		8 July		9 July		10 July		11 July		12 July		13 July		14 July		15 July		16 July		17 July		18 July		19 July		20 July		21 July		22 July		23 July		24 July		25 July		26 July		27 July		28 July		29 July		30 July		31 July		1 Aug		2 Aug		3 Aug		4 Aug		5 Aug		6 Aug		7 Aug		8 Aug		9 Aug		10 Aug		11 Aug		12 Aug		13 Aug		14 Aug		15 Aug		16 Aug		17 Aug		18 Aug		19 Aug		20 Aug		21 Aug		22 Aug		23 Aug		24 Aug		25 Aug		26 Aug		27 Aug		28 Aug		29 Aug		30 Aug		31 Aug		1 Sept		2 Sept		3 Sept		4 Sept		5 Sept		6 Sept		7 Sept		8 Sept		9 Sept		10 Sept		11 Sept		12 Sept		13 Sept		14 Sept		15 Sept		16 Sept		17 Sept		18 Sept		19 Sept		20 Sept		21 Sept		22 Sept		23 Sept		24 Sept		25 Sept		26 Sept		27 Sept		28 Sept		29 Sept		30 Sept		1 Oct		2 Oct		3 Oct		4 Oct		5 Oct		6 Oct		7 Oct		8 Oct		9 Oct		10 Oct		11 Oct		12 Oct		13 Oct		14 Oct		15 Oct		16 Oct		17 Oct		18 Oct		19 Oct		20 Oct		21 Oct		22 Oct		23 Oct		24 Oct		25 Oct		26 Oct		27 Oct		28 Oct		29 Oct		30 Oct		31 Oct		1 Nov		2 Nov		3 Nov		4 Nov		5 Nov		6 Nov		7 Nov		8 Nov		9 Nov		10 Nov		11 Nov		12 Nov		13 Nov		14 Nov		15 Nov		16 Nov		17 Nov		18 Nov		19 Nov		20 Nov		21 Nov		22 Nov		23 Nov		24 Nov		25 Nov		26 Nov		27 Nov		28 Nov		29 Nov		30 Nov		1 Dec		2 Dec		3 Dec		4 Dec		5 Dec		6 Dec		7 Dec		8 Dec		9 Dec		10 Dec		11 Dec		12 Dec		13 Dec		14 Dec		15 Dec		16 Dec		17 Dec		18 Dec		19 Dec		20 Dec		21 Dec		22 Dec		23 Dec		24 Dec		25 Dec		26 Dec		27 Dec		28 Dec		29 Dec		30 Dec		31 Dec		1 Jan		2 Jan		3 Jan		4 Jan		5 Jan		6 Jan		7 Jan		8 Jan		9 Jan		10 Jan		11 Jan		12 Jan		13 Jan		14 Jan		15 Jan		16 Jan		17 Jan		18 Jan		19 Jan		20 Jan		21 Jan		22 Jan		23 Jan		24 Jan		25 Jan		26 Jan		27 Jan		28 Jan		29 Jan		30 Jan		31 Jan		1 Feb		2 Feb		3 Feb		4 Feb		5 Feb		6 Feb		7 Feb		8 Feb		9 Feb		10 Feb		11 Feb		12 Feb		13 Feb		14 Feb		15 Feb		16 Feb		17 Feb		18 Feb		19 Feb		20 Feb		21 Feb		22 Feb		23 Feb		24 Feb		25 Feb		26 Feb		27 Feb		28 Feb		29 Feb		30 Feb		31 Feb		1 Mar		2 Mar		3 Mar		4 Mar		5 Mar		6 Mar		7 Mar		8 Mar		9 Mar		10 Mar		11 Mar		12 Mar		13 Mar		14 Mar		15 Mar		16 Mar		17 Mar		18 Mar		19 Mar		20 Mar		21 Mar		22 Mar		23 Mar		24 Mar		25 Mar		26 Mar		27 Mar		28 Mar		29 Mar		30 Mar		31 Mar		1 Apr		2 Apr		3 Apr		4 Apr		5 Apr		6 Apr		7 Apr		8 Apr		9 Apr		10 Apr		11 Apr		12 Apr		13 Apr		14 Apr		15 Apr		16 Apr		17 Apr		18 Apr		19 Apr		20 Apr		21 Apr		22 Apr		23 Apr		24 Apr		25 Apr		26 Apr		27 Apr		28 Apr		29 Apr		30 Apr		1 May		2 May		3 May		4 May		5 May		6 May		7 May		8 May		9 May		10 May		11 May		12 May		13 May		14 May		15 May		16 May		17 May		18 May		19 May		20 May		21 May		22 May		23 May		24 May		25 May		26 May		27 May		28 May		29 May		30 May		31 May	
	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1	Day 2	Day 1																																																																																																																																																																																																																																																																																																																							

Experiment Number: 20; Technician(s): R. Ball; The Experiment Started on: 3/6/2010

Group 1: Vehicle (— mg/kg)

[illegible]

DATE: _____

Group 2: GBC90 (64 mg/kg)

[illegible]

Name _____
 SSN: _____
 Date: _____

Grain 3: IRN-2b (10x10cm Ulsr 25x15cm)

137000			137500			138000			138500			139000			139500			140000			140500			141000			141500			142000			142500			143000			143500			144000			144500			145000			145500			146000			146500			147000			147500			148000			148500			149000			149500			150000			150500			151000			151500			152000			152500			153000			153500			154000			154500			155000			155500			156000			156500			157000			157500			158000			158500			159000			159500			160000			160500			161000			161500			162000			162500			163000			163500			164000			164500			165000			165500			166000			166500			167000			167500			168000			168500			169000			169500			170000			170500			171000			171500			172000			172500			173000			173500			174000			174500			175000			175500			176000			176500			177000			177500			178000			178500			179000			179500			180000			180500			181000			181500			182000			182500			183000			183500			184000			184500			185000			185500			186000			186500			187000			187500			188000			188500			189000			189500			190000			190500			191000			191500			192000			192500			193000			193500			194000			194500			195000			195500			196000			196500			197000			197500			198000			198500			199000			199500			200000			200500			201000			201500			202000			202500			203000			203500			204000			204500			205000			205500			206000			206500			207000			207500			208000			208500			209000			209500			210000			210500			211000			211500			212000			212500			213000			213500			214000			214500			215000			215500			216000			216500			217000			217500			218000			218500			219000			219500			220000			220500			221000			221500			222000			222500			223000			223500			224000			224500			225000			225500			226000			226500			227000			227500			228000			228500			229000			229500			230000			230500			231000			231500			232000			232500			233000			233500			234000			234500			235000			235500			236000			236500			237000			237500			238000			238500			239000			239500			240000			240500			241000			241500			242000			242500			243000			243500			244000			244500			245000			245500			246000			246500			247000			247500			248000			248500			249000			249500			250000			250500			251000			251500			252000			252500			253000			253500			254000			254500			255000			255500			256000			256500			257000			257500			258000			258500			259000			259500			260000			260500			261000			261500			262000			262500			263000			263500			264000			264500			265000			265500			266000			266500			267000			267500			268000			268500			269000			269500			270000			270500			271000			271500			272000			272500			273000			273500			274000			274500			275000			275500			276000			276500			277000			277500			278000			278500			279000			279500			280000			280500			281000			281500			282000			282500			283000			283500			284000			284500			285000			285500			286000			286500			287000			287500			288000			288500			289000			289500			290000			290500			291000			291500			292000			292500			293000			293500			294000			294500			295000			295500			296000			296500			297000			297500			298000			298500			299000			299500			300000			300500			301000			301500			302000			302500			303000			303500			304000			304500			305000			305500			306000			306500			307000			307500			308000			308500			309000			309500			310000			310500			311000			311500			312000			312500			313000			313500			314000			314500			315000			315500			316000			316500			317000			317500			318000			318500			319000			319500			320000			320500			321000			321500			322000			322500			323000			323500			324000			324500			325000			325500			326000			326500			327000			327500			328000			328500			329000			329500			330000			330500			331000			331500			332000			332500			333000			333500			334000			334500			335000			335500			336000			336500			337000			337500			338000			338500			339000			339500			340000			340500			341000			341500			342000			342500			343000			343500			344000			344500			345000			345500			346000			346500			347000			347500			348000			348500			349000			349500			350000			350500			351000			351500			352000			352500			353000			353500			354000			354500			355000			355500			356000			356500			357000			357500			358000			358500			359000			359500			360000			360500			361000			361500			362000			362500			363000			363500			364000			364500			365000			365500			366000			366500			367000			367500			368000			368500			369000			369500			370000			370500			371000			371500			372000			372500			373000			373500			374000			374500			375000			375500			376000			376500			377000			377500			378000			378500			379000			379500			380000			380500			381000			381500			382000			382500			383000			383500			384000			384500			385000			385500			386000			386500			387000			387500			388000			388500			389000			389500			390000			390500			391000			391500			392000			392500			393000			393500			394000			394500			395000			395500			396000			396500			397000			397500			398000			398500			399000			399500			400000			400500			401000			401500			402000			402500			403000			403500			404000			404500			405000			405500			406000			406500			407000			407500			408000			408500			409000			409500			410000			410500			411000			411500			412000			412500			413000			413500			414000			414500			415000			415500			416000			416500			417000			417500			418000			418500			419000			419500			420000			420500			421000			421500			422000			422500			423000			423500			424000			424500			425000			425500			426000			426500			427000			427500			428000			428500			429000			429500			430000			430500			431000			431500			432000			432500			433000			433500			434000			434500			435000			435500			436000			436500			437000			437500			438000			438500			439000			439500			440000			440500			441000			441500			442000			442500			443000			443500			444000			444500			445000			445500			446000			446500			447000			447500			448000			448500			449000			449500			450000			450500			451000			451500			452000			452500			453000			453500			454000			454500			455000			455500			456000			456500			457000			457500			458000			458500			459000			459500			460000			460500			461000			461500			462000			462500			463000			463500			464000			464500			465000			465500			466000			466500			467000			467500			468000			468500			469000			469500			470000			470500			471000			471500			472000			472500			473000			473500			474000			474500			475000			475500			476000			476500			477000			477500			478000			478500			479000			479500			480000			480500			481000			481500			482000			482500			483000			483500			484000			484500			485000			485500			486000			486500			487000			487500			488000			488500			489000			489500			490000			490500			491000			491500			492000			492500			493000			493500			494000			494500			495000			495500			496000			496500			497000			497500			498000			498500			499000			499500			500000			500500			501000			501500			502000			502500			503000			503500			504000			504500			505000			505500			506000			506500			507000			507500			508000			508500			509000			509500			510000			510500			511000			511500			512000			512500			513000			513500			514000			514500			515000			515500			516000			516500			517000			517500			518000			518500			519000			519500			520000			520500			521000			521500			522000			522500			523000			523500			524000			524500			525000			525500			526000			526500			527000			527500			528000			528500			529000			529500			530000			530500			531000			531500			532000			532500			533000			533500			534000			534500			535000			535500			536000			536500			537000			537500			538000			538500			539000			539500			540000			540500			541000			541500			542000			542500			543000			543500			544000			544500			545000			545500			546000			546500			547000			547500			548000			548500			549000			549500			550000			550500			551000			551500			552000			552500			553000			553500			554000			554500			555000			555500			556000			556500			557000			557500			558000			558500			559000			559500			560000			560500			561000			561500			562000			562500			563000			563500			564000			564500			565000			565500			566000			566500			567000			567500			568000			568500			569000			569500			570000			570500			571000			571500			572000			572500			573000			573500			574000			574500			575000			575500			576000			576500			577000			577500			578000			578500		
--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--	--------	--	--

Home
SFM:
Mission

Experiment Number: Pance20; Technician(s): R. Ball; The Experiment Started on: 3/6/2000

Group 1: Vehicle (— mg/kg)

[illegible]

Group 2: ~~64 mg/kg~~ (64 mg/kg) (GM)

47800		47700		47600		47500		47400		47300		47200		47100		47000		46900		46800		46700		46600		46500		46400		46300		46200		46100		46000		45900		45800		45700		45600		45500		45400		45300		45200		45100		45000		44900		44800		44700		44600		44500		44400		44300		44200		44100		44000		43900		43800		43700		43600		43500		43400		43300		43200		43100		43000		42900		42800		42700		42600		42500		42400		42300		42200		42100		42000		41900		41800		41700		41600		41500		41400		41300		41200		41100		41000		40900		40800		40700		40600		40500		40400		40300		40200		40100		40000		39900		39800		39700		39600		39500		39400		39300		39200		39100		39000		38900		38800		38700		38600		38500		38400		38300		38200		38100		38000		37900		37800		37700		37600		37500		37400		37300		37200		37100		37000		36900		36800		36700		36600		36500		36400		36300		36200		36100		36000		35900		35800		35700		35600		35500		35400		35300		35200		35100		35000		34900		34800		34700		34600		34500		34400		34300		34200		34100		34000		33900		33800		33700		33600		33500		33400		33300		33200		33100		33000		32900		32800		32700		32600		32500		32400		32300		32200		32100		32000		31900		31800		31700		31600		31500		31400		31300		31200		31100		31000		30900		30800		30700		30600		30500		30400		30300		30200		30100		30000		29900		29800		29700		29600		29500		29400		29300		29200		29100		29000		28900		28800		28700		28600		28500		28400		28300		28200		28100		28000		27900		27800		27700		27600		27500		27400		27300		27200		27100		27000		26900		26800		26700		26600		26500		26400		26300		26200		26100		26000		25900		25800		25700		25600		25500		25400		25300		25200		25100		25000		24900		24800		24700		24600		24500		24400		24300		24200		24100		24000		23900		23800		23700		23600		23500		23400		23300		23200		23100		23000		22900		22800		22700		22600		22500		22400		22300		22200		22100		22000		21900		21800		21700		21600		21500		21400		21300		21200		21100		21000		20900		20800		20700		20600		20500		20400		20300		20200		20100		20000		19900		19800		19700		19600		19500		19400		19300		19200		19100		19000		18900		18800		18700	
-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--

Group 3: 1FN-a2b (10x10e6 U/kg m²/h)

4-11-59		4-12-59		4-13-59		4-14-59		4-15-59		4-16-59		4-17-59		4-18-59		4-19-59		4-20-59		4-21-59		4-22-59		4-23-59		4-24-59		4-25-59		4-26-59		4-27-59		4-28-59		4-29-59		4-30-59		4-31-59		4-32-59		4-33-59		4-34-59		4-35-59		4-36-59		4-37-59		4-38-59		4-39-59		4-40-59		4-41-59		4-42-59		4-43-59		4-44-59		4-45-59		4-46-59		4-47-59		4-48-59		4-49-59		4-50-59		4-51-59		4-52-59		4-53-59		4-54-59		4-55-59		4-56-59		4-57-59		4-58-59		4-59-59		4-60-59		4-61-59		4-62-59		4-63-59		4-64-59		4-65-59		4-66-59		4-67-59		4-68-59		4-69-59		4-70-59		4-71-59		4-72-59		4-73-59		4-74-59		4-75-59		4-76-59		4-77-59		4-78-59		4-79-59		4-80-59		4-81-59		4-82-59		4-83-59		4-84-59		4-85-59		4-86-59		4-87-59		4-88-59		4-89-59		4-90-59		4-91-59		4-92-59		4-93-59		4-94-59		4-95-59		4-96-59		4-97-59		4-98-59		4-99-59		4-100-59	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																																																																

1.3544

Experiment Number: P2ac-e20; Technician(s): R. Ball; The Experiment Started on: 3/6/2000

Group 1: Vehicle (— mpyko)

[illegible]

Group 2: GBC590 (6A mg/kg)

[illegible]

Group 1: IFN- α 2b (181 Dec 2006) (8 mg weekly)

Date	4/17/70		4/28/70		5/18/70		5/29/70		6/9/70		6/19/70		Name
	Day	Time	Day	Time	Day	Time	Day	Time	Day	Time	Day	Time	
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													
32													
33													
34													
35													
36													
37													
38													
39													
40													
41													
42													
43													
44													
45													
46													
47													
48													
49													

Elasmobranch Research Center

Protein 20 TGDs
Nucleoside (21)

Technician(s): R. Ball; The Experiment Started on: 3/6/2010
Experiment Number: Paut-e20;

Group 4: GBC590 (6.4 mg/kg) and IFN- γ 2b (10x10⁶ C:kg m2/kg)

ALT	4/24/20		4/25/20		4/26/20		4/27/20		4/28/20		4/29/20		4/30/20		5/1/20		5/2/20		5/3/20		5/4/20		5/5/20		5/6/20		5/7/20		5/8/20		5/9/20		5/10/20		5/11/20		5/12/20		5/13/20		5/14/20		5/15/20		5/16/20		5/17/20		5/18/20		5/19/20		5/20/20		5/21/20		5/22/20		5/23/20		5/24/20		5/25/20		5/26/20		5/27/20		5/28/20		5/29/20		5/30/20		5/31/20		6/1/20		6/2/20		6/3/20		6/4/20		6/5/20		6/6/20		6/7/20		6/8/20		6/9/20		6/10/20		6/11/20		6/12/20		6/13/20		6/14/20		6/15/20		6/16/20		6/17/20		6/18/20		6/19/20		6/20/20		6/21/20		6/22/20		6/23/20		6/24/20		6/25/20		6/26/20		6/27/20		6/28/20		6/29/20		6/30/20		7/1/20		7/2/20		7/3/20		7/4/20		7/5/20		7/6/20		7/7/20		7/8/20		7/9/20		7/10/20		7/11/20		7/12/20		7/13/20		7/14/20		7/15/20		7/16/20		7/17/20		7/18/20		7/19/20		7/20/20		7/21/20		7/22/20		7/23/20		7/24/20		7/25/20		7/26/20		7/27/20		7/28/20		7/29/20		7/30/20		7/31/20		8/1/20		8/2/20		8/3/20		8/4/20		8/5/20		8/6/20		8/7/20		8/8/20		8/9/20		8/10/20		8/11/20		8/12/20		8/13/20		8/14/20		8/15/20		8/16/20		8/17/20		8/18/20		8/19/20		8/20/20		8/21/20		8/22/20		8/23/20		8/24/20		8/25/20		8/26/20		8/27/20		8/28/20		8/29/20		8/30/20		8/31/20		9/1/20		9/2/20		9/3/20		9/4/20		9/5/20		9/6/20		9/7/20		9/8/20		9/9/20		9/10/20		9/11/20		9/12/20		9/13/20		9/14/20		9/15/20		9/16/20		9/17/20		9/18/20		9/19/20		9/20/20		9/21/20		9/22/20		9/23/20		9/24/20		9/25/20		9/26/20		9/27/20		9/28/20		9/29/20		9/30/20		10/1/20		10/2/20		10/3/20		10/4/20		10/5/20		10/6/20		10/7/20		10/8/20		10/9/20		10/10/20		10/11/20		10/12/20		10/13/20		10/14/20		10/15/20		10/16/20		10/17/20		10/18/20		10/19/20		10/20/20		10/21/20		10/22/20		10/23/20		10/24/20		10/25/20		10/26/20		10/27/20		10/28/20		10/29/20		10/30/20		10/31/20		11/1/20		11/2/20		11/3/20		11/4/20		11/5/20		11/6/20		11/7/20		11/8/20		11/9/20		11/10/20		11/11/20		11/12/20		11/13/20		11/14/20		11/15/20		11/16/20		11/17/20		11/18/20		11/19/20		11/20/20		11/21/20		11/22/20		11/23/20		11/24/20		11/25/20		11/26/20		11/27/20		11/28/20		11/29/20		11/30/20		12/1/20		12/2/20		12/3/20		12/4/20		12/5/20		12/6/20		12/7/20		12/8/20		12/9/20		12/10/20		12/11/20		12/12/20		12/13/20		12/14/20		12/15/20		12/16/20		12/17/20		12/18/20		12/19/20		12/20/20		12/21/20		12/22/20		12/23/20		12/24/20		12/25/20		12/26/20		12/27/20		12/28/20		12/29/20		12/30/20		12/31/20		1/1/21		1/2/21		1/3/21		1/4/21		1/5/21		1/6/21		1/7/21		1/8/21		1/9/21		1/10/21		1/11/21		1/12/21		1/13/21		1/14/21		1/15/21		1/16/21		1/17/21		1/18/21		1/19/21		1/20/21		1/21/21		1/22/21		1/23/21		1/24/21		1/25/21		1/26/21		1/27/21		1/28/21		1/29/21		1/30/21		1/31/21		2/1/21		2/2/21		2/3/21		2/4/21		2/5/21		2/6/21		2/7/21		2/8/21		2/9/21		2/10/21		2/11/21		2/12/21		2/13/21		2/14/21		2/15/21		2/16/21		2/17/21		2/18/21		2/19/21		2/20/21		2/21/21		2/22/21		2/23/21		2/24/21		2/25/21		2/26/21		2/27/21		2/28/21		2/29/21		2/30/21		3/1/21		3/2/21		3/3/21		3/4/21		3/5/21		3/6/21		3/7/21		3/8/21		3/9/21		3/10/21		3/11/21		3/12/21		3/13/21		3/14/21		3/15/21		3/16/21		3/17/21		3/18/21		3/19/21		3/20/21		3/21/21		3/22/21		3/23/21		3/24/21		3/25/21		3/26/21		3/27/21		3/28/21		3/29/21		3/30/21		3/31/21		4/1/21		4/2/21		4/3/21		4/4/21		4/5/21		4/6/21		4/7/21		4/8/21		4/9/21		4/10/21		4/11/21		4/12/21		4/13/21		4/14/21		4/15/21		4/16/21		4/17/21		4/18/21		4/19/21		4/20/21		4/21/21		4/22/21		4/23/21		4/24/21		4/25/21		4/26/21		4/27/21		4/28/21		4/29/21		4/30/21		5/1/21		5/2/21		5/3/21		5/4/21		5/5/21		5/6/21		5/7/21		5/8/21		5/9/21		5/10/21		5/11/21		5/12/21		5/13/21		5/14/21		5/15/21		5/16/21		5/17/21		5/18/21		5/19/21		5/20/21		5/21/21		5/22/21		5/23/21		5/24/21		5/25/21		5/26/21		5/27/21		5/28/21		5/29/21		5/30/21		5/31/21		6/1/21		6/2/21		6/3/21		6/4/21		6/5/21		6/6/21		6/7/21		6/8/21		6/9/21		6/10/21		6/11/21		6/12/21		6/13/21		6/14/21		6/15/21		6/16/21		6/17/21		6/18/21		6/19/21		6/20/21		6/21/21		6/22/21		6/23/21		6/24/21		6/25/21		6/26/21		6/27/21		6/28/21		6/29/21		6/30/21		7/1/21		7/2/21		7/3/21		7/4/21		7/5/21		7/6/21		7/7/21		7/8/21		7/9/21		7/10/21		7/11/21		7/12/21		7/13/21		7/14/21		7/15/21		7/16/21		7/17/21		7/18/21		7/19/21		7/20/21		7/21/21		7/22/21		7/23/21		7/24/21		7/25/21		7/26/21		7/27/21		7/28/21		7/29/21		7/30/21		7/31/21		8/1/21		8/2/21		8/3/21		8/4/21		8/5/21		8/6/21		8/7/21		8/8/21		8/9/21		8/10/21		8/11/21		8/12/21		8/13/21		8/14/21		8/15/21		8/16/21		8/17/21		8/18/21		8/19/21		8/20/21		8/21/21		8/22/21		8/23/21		8/24/21		8/25/21		8/26/21		8/27/21		8/28/21		8/29/21		8/30/21		8/31/21		9/1/21		9/2/21		9/3/21		9/4/21		9/5/21		9/6/21		9/7/21		9/8/21		9/9/21		9/10/21		9/11/21		9/12/21		9/13/21		9/14/21		9/15/21		9/16/21		9/17/21		9/18/21		9/19/21		9/20/21		9/21/21		9/22/21		9/23/21		9/24/21		9/25/21		9/26/21		9/27/21		9/28/21		9/29/21		9/30/21		10/1/21		10/2/21		10/3/21		10/4/21		10/5/21		10/6/21		10/7/21		10/8/21		10/9/21		10/10/21		10/11/21		10/12/21		10/13/21		10/14/21		10/15/21		10/16/21		10/17/21		10/18/21		10/19/21		10/20/21		10/21/21		10/22/21		10/23/21		10/24/21		10/25/21		10/26/21		10/27/21		10/28/21		10/29/21		10/30/21		10/31/21		11/1/21		11/2/21		11/3/21		11/4/21		11/5/21		11/6/21		11/7/21		11/8/21		11/9/21		11/10/21		11/11/21		11/12/21		11/13/21		11/14/21		11/15/21		11/16/21		11/17/21		11/18/21		11/19/21		11/20/21		11/21/21		11/22/21		11/23/21		11/24/21		11/25/21		11/26/21		11/27/21		11/28/21		11/29/21		11/30/21		12/1/21		12/2/21		12/3/21		12/4/21		12/5/21		12/6/21		12/7/21		12/8/21		12/9/21		12/10/21		12/11/21		12/12/21		12/13/21		12/14/21		12/15/21		12/16/21		12/17/21		12/18/21		12/19/21		12/20/21		12/21/21		12/22/21		12/23/21		12/24/21		12/25/21		12/26/21		12/27/21		12/28/21		12/29/21		12/30/21		12/31/21		1/1/22		1/2/22		1/3/22		1/4/22		1/5/22		1/6/22		1/7/22		1/8/22		1/9/22		1/10/22		1/11/22		1/12/22		1/13/22		1/14/22		1/15/22		1/16/22		1/17/22		1/18/22		1/19/22		1/20/22		1/21/22		1/22/22		1/23/22		1/24/22		1/25/22		1/26/22		1/27/22		1/28/22		1/29/22		1/30/22		1/31/22		2/1/22		2/2/22		2/3/22		2/4/22		2/5/22		2/6/22		2/7/22		2/8/22		2/9/22		2/10/22		2/11/22		2/12/22		2/13/22		2/14/22		2/15/22		2/16/22		2/17/22		2/18/22		2/19/22		2/20/22		2/21/22		2/22/22		2/23/22		2/24/22		2/25/22		2/26/22		2/27/22		2/28/22		2/29/22		2/30/22		3/1/22		3/2/22		3/3/22		3/4/22		3/5/22		3/6/22		3/7/22		3/8/22		3/9/22		3/10/22		3/11/22		3/12/22		3/13/22		3/14/22		3/15/22		3/16/22		3/17/22		3/18/22		3/19/22		3/20/22		3/21/22		3/22/22		3/23/22		3/24/22		3/25/22		3/26/22		3/27/22		3/28/22		3/29/22		3/30/22		3/31/22		4/1/22		4/2/22		4/3/22		4/4/22		4/5/22		4/6/22		4/7/22		4/8/22		4/9/22		4/10/22		4/11/22		4/12/22		4/13/22		4/14/22		4/15/22		4/16/22		4/17/22		4/18/22		4/19/22		4/20/22		4/21/22		4/22/22		4/23/22		4/24/22		4/25/22		4/26/22		4/27/22		4/28/22		4/29/22		4/30/22		5/1/22		5/2/22		5/3/22		5/4/22		5/5/22		5/6/22		5/7/22		5/8/22		5/9/22		5/10/22		5/11/22		5/12/22		5/13/22		5/14/22		5/15/22		5/16/22		5/17/22		5/18/22		5/19/22		5/20/22		5/21/22		5/22/22		5/23/22		5/24/22		5/25/22		5/26/22		5/27/22		5/28/22		5/29/22		5/30/22		5/31/22		6/1/22		6/2/22		6/3/22		6/4/22		6/5/22		6/6/22		6/7/22		6/8/22		6/9/22		6/10/22		6/11/22		6/12/22		6/13/22		6/14/22		6/15/22		6/16/22		6/17/22		6/18/22		6/19/22		6/20/22		6/21/22		6/22/22		6/23/22		6/24/22		6/25/22		6/26/22		6/27/22		6/28/22		6/29/22		6/30/22		7/1/22		7/2/22		7/3/22		7/4/22		7/5/22		7/6/22		7/7/22		7/8/22		7/9/22		7/10/22		7/11/22		7/12/22		7/13/22		7/14/22		7/15/22		7/16/22		7/17/22		7/18/22		7/19/22		7/20/22		7/21/22		7/22/22		7/23/22		7/24/22		7/25/22		7/26/22		7/27/	
-----	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	--------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	---------	--	-------	--

Gross Σ GBC990 (6.4 mg/L) and IFA-20 (5.10e6 U/kg mg/L)

[illegible]

Figure 6: GPC90 (44 mol%) and IFN- α 2b (2.5 \times 10⁶ U/kg) mixture

[illegible]

Experiment Number: Panc-e20; Technician(s): R. Ball; The Experiment Started on: 3/6/2000

Group 4: ~~Vehicle~~ (6.4 mg/kg) and IFN- α 2b (10×10^6 IU/kg) GM

[illegible]

Group 5: Ba^{2+} (6.4 mg/L) and Fe^{2+} (5.10e6 $\mu\text{g}/\text{kg}$)

Date	47100		47101		47102		47103		47104		47105		47106		47107		47108		47109		47110		47111		47112		47113		47114		47115		47116		47117		47118		47119		47120		47121		47122		47123		47124		47125		47126		47127		47128		47129		47130		47131		47132		47133		47134		47135		47136		47137		47138		47139		47140		47141		47142		47143		47144		47145		47146		47147		47148		47149		47150		47151		47152		47153		47154		47155		47156		47157		47158		47159		47160		47161		47162		47163		47164		47165		47166		47167		47168		47169		47170		47171		47172		47173		47174		47175		47176		47177		47178		47179		47180		47181		47182		47183		47184		47185		47186		47187		47188		47189		47190		47191		47192		47193		47194		47195		47196		47197		47198		47199		47200		47201		47202		47203		47204		47205		47206		47207		47208		47209		47210		47211		47212		47213		47214		47215		47216		47217		47218		47219		47220		47221		47222		47223		47224		47225		47226		47227		47228		47229		47230		47231		47232		47233		47234		47235		47236		47237		47238		47239		47240		47241		47242		47243		47244		47245		47246		47247		47248		47249		47250		47251		47252		47253		47254		47255		47256		47257		47258		47259		47260		47261		47262		47263		47264		47265		47266		47267		47268		47269		47270		47271		47272		47273		47274		47275		47276		47277		47278		47279		47280		47281		47282		47283		47284		47285		47286		47287		47288		47289		47290		47291		47292		47293		47294		47295		47296		47297		47298		47299		47300		47301		47302		47303		47304		47305		47306		47307		47308		47309		47310		47311		47312		47313		47314		47315		47316		47317		47318		47319		47320		47321		47322		47323		47324		47325		47326		47327		47328		47329		47330		47331		47332		47333		47334		47335		47336		47337		47338		47339		47340		47341		47342		47343		47344		47345		47346		47347		47348		47349		47350		47351		47352		47353		47354		47355		47356		47357		47358		47359		47360		47361		47362		47363		47364		47365		47366		47367		47368		47369		47370		47371		47372		47373		47374		47375		47376		47377		47378		47379		47380		47381		47382		47383		47384		47385		47386		47387		47388		47389		47390		47391		47392		47393		47394		47395		47396		47397		47398		47399		47400		47401		47402		47403		47404		47405		47406		47407		47408		47409		47410		47411		47412		47413		47414		47415		47416		47417		47418		47419		47420		47421		47422		47423		47424		47425		47426		47427		47428		47429		47430		47431		47432		47433		47434		47435		47436		47437		47438		47439		47440		47441		47442		47443		47444		47445		47446		47447		47448		47449		47450		47451		47452		47453		47454		47455		47456		47457		47458		47459		47460		47461		47462		47463		47464		47465		47466		47467		47468		47469		47470		47471		47472		47473		47474		47475		47476		47477		47478		47479		47480		47481		47482		47483		47484		47485		47486		47487		47488		47489		47490		47491		47492		47493		47494		47495		47496		47497		47498		47499		47500		47501		47502		47503		47504		47505		47506		47507		47508		47509		47510		47511		47512		47513		47514		47515		47516		47517		47518		47519		47520		47521		47522		47523		47524		47525		47526		47527		47528		47529		47530		47531		47532		47533		47534		47535		47536		47537		47538		47539		47540		47541		47542		47543		47544		47545		47546		47547		47548		47549		47550		47551		47552		47553		47554		47555		47556		47557		47558		47559		47560		47561		47562		47563		47564		47565		47566		47567		47568		47569		47570		47571		47572		47573		47574		47575		47576		47577		47578		47579		47580		47581		47582		47583		47584		47585		47586		47587		47588		47589		47590		47591		47592		47593		47594		47595		47596		47597		47598		47599		47600		47601		47602		47603		47604		47605		47606		47607		47608		47609		47610		47611		47612		47613		47614		47615		47616		47617		47618		47619		47620		47621		47622		47623		47624		47625		47626		47627		47628		47629		47630		47631		47632		47633		47634		47635		47636		47637		47638		47639		47640		47641		47642		47643		47644		47645		47646		47647		47648		47649		47650		47651		47652		47653		47654		47655		47656		47657		47658		47659		47660		47661		47662		47663		47664		47665		47666		47667		47668		47669		47670		47671		47672		47673		47674		47675		47676		47677		47678		47679		47680		47681		47682		47683		47684		47685		47686		47687		47688		47689		47690		47691		47692		47693		47694		47695		47696		47697		47698		47699		47700		47701		47702		47703		47704		47705		47706		47707		47708		47709		47710		47711		47712		47713		47714		47715		47716		47717		47718		47719		47720		47721		47722		47723		47724		47725		47726		47727		47728		47729		47730		47731		47732		47733		47734		47735		47736		47737		47738		47739		47740		47741		47742		47743		47744		47745		47746		47747		47748		47749		47750		47751		47752		47753		47754		47755		47756		47757		47758		47759		47760		47761		47762		47763		47764		47765		47766		47767		47768		47769		47770		47771		47772		47773		47774		47775		47776		47777		47778		47779		47780		47781		47782		47783		47784		47785		47786		47787		47788		47789		47790		47791		47792		47793		47794		47795		47796		47797		47798		47799		47800		47801		47802		47803		47804		47805		47806		47807		47808		47809		47810		47811		47812		47813		47814		47815		47816		47817		47818		47819		47820		47821		47822		47823		47824		47825		47826		47827		47828		47829		47830		47831		47832		47833		47834		47835		47836		47837		47838		47839		47840		47841		47842		47843		47844		47845		47846		47847		47848		47849		47850		47851		47852		47853		47854		47855		47856		47857		47858		47859		47860		47861		47862		47863		47864		47865		47866		47867		47868		47869		47870		47871		47872		47873		47874		47875		47876		47877		47878		47879		47880		47881		47882		47883		47884		47885		47886		47887		47888		47889		47890		47891		47892		47893		47894		47895		47896		47897		47898		47899		47900		47901		47902		47903		47904		47905		47906		47907		47908		47909		47910		47911		47912		47913		47914		47915		47916		47917		47918		47919		47920		47921		47922		47923		47924		47925		47926		47927		47928		47929		47930		47931		47932		47933		47934		47935		47936		47937		47938		47939		47940		47941		47942		47943		47944		47945		47946		47947		47948		47949		47950		47951		47952		47953		47954		47955		47956		47957		47958		47959		47960		47961		47962		47963		47964		47965		47966		47967		47968		47969		47970		47971		47972		47973		47974		47975		47976		47977		47978		47979		47980		47981		47982		47983		47984		47985		47986		47987		47988		47989		47990		47991		47992		47993		47994		47995		47996		47997		47998		47999		48000		48001		48002		48003		48004		48005		48006		48007		48008		48009		48010		48011		48012		48013		48014		48015		48016		48017		48018		48019		48020		48021		48022		48023		48024		48025		48026		48027		48028		48029		48030		48031		48032		48033		48034		48035		48036		48037		48038		48039		48040		48041		48042		48043		48044		48045		48046		48047		48048		48049		48050		480	
------	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-------	--	-----	--

Group 6: ~~Unknown~~ (6.4 me/kg) and 1E1-2b (7.5) 1966 (1/1/1966)

[illegible]

Experiment Number: Panc-20; Technician(s): R. Bell; The Experiment Started on: 3/6/2000

Body Weight Change

Group 1: Vehicle (— mg/kg)													
Date	Wt	Wt	Wt	Wt	Wt	Wt	Wt	Wt	Wt	Wt	Wt	Wt	Wt
Days	1	4	8	11	15	22	25	28	31	36	43	50	57
W11	24	24.8	25.6	25.8	27.1	26.6	26.9	27.3	27.7	27.7	27.6		
W12	25.1	25.2	25.4	25.5	26.1	26.4	26.8						
W13	25.4	25.5	25.6	25.7	26.2	26.5	26.9						
W14	25.7	25.8	25.9	26.0	26.5	26.8	27.2						
W15	25.8	25.9	26.0	26.1	26.6	26.9	27.3						
W16	25.9	26.0	26.1	26.2	26.7	27.0	27.4						
W17	26.0	26.1	26.2	26.3	26.8	27.1	27.5						
W18	26.1	26.2	26.3	26.4	26.9	27.2	27.6						
W19	26.2	26.3	26.4	26.5	27.0	27.3	27.7						
W110	26.3	26.4	26.5	26.6	27.1	27.4	27.8						
Mean	25.6	25.7	25.8	25.9	26.4	26.7	27.1	27.4	27.7	27.7	27.6		
STDEV	1.1	1.0	1.5	2.1	1.3	1.3	1.3						

Group 2: C28C990 (6.4 mg/kg)													
Date	Wt	Wt	Wt	Wt	Wt	Wt	Wt	Wt	Wt	Wt	Wt	Wt	Wt
Days	1	4	8	11	15	22	25	28	31	36	43	50	57
W11	24.1	24.2	24.3	24.4	24.5	24.6	24.7	24.8	24.9	25.0	25.1	25.2	25.3
W12	24.2	24.3	24.4	24.5	24.6	24.7	24.8	24.9	25.0	25.1	25.2	25.3	25.4
W13	24.3	24.4	24.5	24.6	24.7	24.8	24.9	25.0	25.1	25.2	25.3	25.4	25.5
W14	24.4	24.5	24.6	24.7	24.8	24.9	25.0	25.1	25.2	25.3	25.4	25.5	25.6
W15	24.5	24.6	24.7	24.8	24.9	25.0	25.1	25.2	25.3	25.4	25.5	25.6	25.7
W16	24.6	24.7	24.8	24.9	25.0	25.1	25.2	25.3	25.4	25.5	25.6	25.7	25.8
W17	24.7	24.8	24.9	25.0	25.1	25.2	25.3	25.4	25.5	25.6	25.7	25.8	25.9
W18	24.8	24.9	25.0	25.1	25.2	25.3	25.4	25.5	25.6	25.7	25.8	25.9	26.0
W19	24.9	25.0	25.1	25.2	25.3	25.4	25.5	25.6	25.7	25.8	25.9	26.0	26.1
W110	25.0	25.1	25.2	25.3	25.4	25.5	25.6	25.7	25.8	25.9	26.0	26.1	26.2
Mean	24.4	24.5	24.6	24.7	24.8	24.9	25.0	25.1	25.2	25.3	25.4	25.5	25.6
STDEV	1.2	1.5	1.6	1.6	1.5	1.6	1.0	0.8	0.6				

Group 3: FFS-28 (10.1 mg/kg)													
Date	Wt	Wt	Wt	Wt	Wt	Wt	Wt	Wt	Wt	Wt	Wt	Wt	Wt
Days	1	4	8	11	15	22	25	28	31	36	43	50	57
W11	20.5	20.6	20.7	20.8	20.9	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.7
W12	20.6	20.7	20.8	20.9	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.8
W13	20.7	20.8	20.9	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.8	21.9
W14	20.8	20.9	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.8	21.9	22.0
W15	20.9	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.8	21.9	22.0	22.1
W16	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.8	21.9	22.0	22.1	22.2
W17	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.8	21.9	22.0	22.1	22.2	22.3
W18	21.2	21.3	21.4	21.5	21.6	21.7	21.8	21.9	22.0	22.1	22.2	22.3	22.4
W19	21.3	21.4	21.5	21.6	21.7	21.8	21.9	22.0	22.1	22.2	22.3	22.4	22.5
W110	21.4	21.5	21.6	21.7	21.8	21.9	22.0	22.1	22.2	22.3	22.4	22.5	22.6
Mean	20.8	20.9	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.8	21.9	22.0
STDEV	2.6	2.1	2.2	2.4	2.5	3.5	3.5						

Experiment Number: Pance-20; Technician(s): R. Ball; The Experiment Started on: 3/6/2000

Body Weight Change:

Group 1: Vehicle (mg/kg)														
Date	Wt	Wt	Wt	Wt	Wt	Wt	Wt	Wt	Wt	Wt	Wt	Wt	Wt	Wt
Day 1	1	4	11	22	25	29	31	36	39	43	46	50	53	57
Wt 1	24	24.8	25.6	26.4	27.1	27.6	28.1	28.6	29.1	29.6	30.1	30.6	31.1	31.6
Wt 2	25.1	25.6	26.1	26.6	27.1	27.6	28.1	28.6	29.1	29.6	30.1	30.6	31.1	31.6
Wt 3	26.1	26.6	27.1	27.6	28.1	28.6	29.1	29.6	30.1	30.6	31.1	31.6	32.1	32.6
Wt 4	27.1	27.6	28.1	28.6	29.1	29.6	30.1	30.6	31.1	31.6	32.1	32.6	33.1	33.6
Wt 5	28.1	28.6	29.1	29.6	30.1	30.6	31.1	31.6	32.1	32.6	33.1	33.6	34.1	34.6
Wt 6	29.1	29.6	30.1	30.6	31.1	31.6	32.1	32.6	33.1	33.6	34.1	34.6	35.1	35.6
Wt 7	30.1	30.6	31.1	31.6	32.1	32.6	33.1	33.6	34.1	34.6	35.1	35.6	36.1	36.6
Wt 8	31.1	31.6	32.1	32.6	33.1	33.6	34.1	34.6	35.1	35.6	36.1	36.6	37.1	37.6
Wt 9	32.1	32.6	33.1	33.6	34.1	34.6	35.1	35.6	36.1	36.6	37.1	37.6	38.1	38.6
Wt 10	33.1	33.6	34.1	34.6	35.1	35.6	36.1	36.6	37.1	37.6	38.1	38.6	39.1	39.6
Mean	24.8	25.6	26.4	27.1	27.6	28.1	28.6	29.1	29.6	30.1	30.6	31.1	31.6	32.1
STDEV	1.1	1.0	1.5	2.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3

Group 2: (16 mg/kg) GM

Group 2: (16 mg/kg) GM														
Date	Wt	Wt	Wt	Wt	Wt	Wt	Wt	Wt	Wt	Wt	Wt	Wt	Wt	Wt
Day 1	1	4	11	22	25	29	31	36	39	43	46	50	53	57
Wt 1	24.1	25.6	27.2	28.8	30.4	32.0	33.6	35.2	36.8	38.4	40.0	41.6	43.2	44.8
Wt 2	25.1	26.6	28.1	29.6	31.1	32.6	34.1	35.6	37.1	38.6	40.1	41.6	43.1	44.6
Wt 3	26.1	27.6	29.1	30.6	32.1	33.6	35.1	36.6	38.1	39.6	41.1	42.6	44.1	45.6
Wt 4	27.1	28.6	30.1	31.6	33.1	34.6	36.1	37.6	39.1	40.6	42.1	43.6	45.1	46.6
Wt 5	28.1	29.6	31.1	32.6	34.1	35.6	37.1	38.6	40.1	41.6	43.1	44.6	46.1	47.6
Wt 6	29.1	30.6	32.1	33.6	35.1	36.6	38.1	39.6	41.1	42.6	44.1	45.6	47.1	48.6
Wt 7	30.1	31.6	33.1	34.6	36.1	37.6	39.1	40.6	42.1	43.6	45.1	46.6	48.1	49.6
Wt 8	31.1	32.6	34.1	35.6	37.1	38.6	40.1	41.6	43.1	44.6	46.1	47.6	49.1	50.6
Wt 9	32.1	33.6	35.1	36.6	38.1	39.6	41.1	42.6	44.1	45.6	47.1	48.6	50.1	51.6
Wt 10	33.1	34.6	36.1	37.6	39.1	40.6	42.1	43.6	45.1	46.6	48.1	49.6	51.1	52.6
Mean	24.8	25.6	26.4	27.1	27.6	28.1	28.6	29.1	29.6	30.1	30.6	31.1	31.6	32.1
STDEV	1.1	1.0	1.5	2.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3

Group 3: (16 mg/kg) (101 mg/kg)

Group 3: (16 mg/kg) (101 mg/kg)														
Date	Wt	Wt	Wt	Wt	Wt	Wt	Wt	Wt	Wt	Wt	Wt	Wt	Wt	Wt
Day 1	1	4	11	22	25	29	31	36	39	43	46	50	53	57
Wt 1	20.5	22.1	23.7	25.3	26.9	28.5	30.1	31.7	33.3	34.9	36.5	38.1	39.7	41.3
Wt 2	21.1	22.7	24.3	25.9	27.5	29.1	30.7	32.3	33.9	35.5	37.1	38.7	40.3	41.9
Wt 3	21.7	23.3	24.9	26.5	28.1	29.7	31.3	32.9	34.5	36.1	37.7	39.3	40.9	42.5
Wt 4	22.3	23.9	25.5	27.1	28.7	30.3	31.9	33.5	35.1	36.7	38.3	39.9	41.5	43.1
Wt 5	22.9	24.5	26.1	27.7	29.3	30.9	32.5	34.1	35.7	37.3	38.9	40.5	42.1	43.7
Wt 6	23.5	25.1	26.7	28.3	29.9	31.5	33.1	34.7	36.3	37.9	39.5	41.1	42.7	44.3
Wt 7	24.1	25.7	27.3	28.9	30.5	32.1	33.7	35.3	36.9	38.5	40.1	41.7	43.3	44.9
Wt 8	24.7	26.3	27.9	29.5	31.1	32.7	34.3	35.9	37.5	39.1	40.7	42.3	43.9	45.5
Wt 9	25.3	26.9	28.5	30.1	31.7	33.3	34.9	36.5	38.1	39.7	41.3	42.9	44.5	46.1
Wt 10	25.9	27.5	29.1	30.7	32.3	33.9	35.5	37.1	38.7	40.3	41.9	43.5	45.1	46.7
Mean	23.0	23.9	24.1	24.7	24.8	24.9	25.0	25.1	25.2	25.3	25.4	25.5	25.6	25.7
STDEV	7.6	7.1	7.2	7.4	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5

Experiment Number: Pnce-e20; Technician(s): R. Bati; The Experiment Started on: 3/6/2000
Body Weight Changes

Group 4: GBCS90 (6.4 mg/kg) and IPN-e2b (16.1 mg/kg) (4 kg mp/kg)															
Date	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	4500	4600	4700	4800
Days	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
W11	24.1	24.3	24.5	24.7	24.9	25.1	25.3	25.5	25.7	25.9	26.1	26.3	26.5	26.7	26.9
W12	24.1	24.3	24.5	24.7	24.9	25.1	25.3	25.5	25.7	25.9	26.1	26.3	26.5	26.7	26.9
W13	24.1	24.3	24.5	24.7	24.9	25.1	25.3	25.5	25.7	25.9	26.1	26.3	26.5	26.7	26.9
W14	24.1	24.3	24.5	24.7	24.9	25.1	25.3	25.5	25.7	25.9	26.1	26.3	26.5	26.7	26.9
W15	24.1	24.3	24.5	24.7	24.9	25.1	25.3	25.5	25.7	25.9	26.1	26.3	26.5	26.7	26.9
W16	24.1	24.3	24.5	24.7	24.9	25.1	25.3	25.5	25.7	25.9	26.1	26.3	26.5	26.7	26.9
W17	24.1	24.3	24.5	24.7	24.9	25.1	25.3	25.5	25.7	25.9	26.1	26.3	26.5	26.7	26.9
W18	24.1	24.3	24.5	24.7	24.9	25.1	25.3	25.5	25.7	25.9	26.1	26.3	26.5	26.7	26.9
W19	24.1	24.3	24.5	24.7	24.9	25.1	25.3	25.5	25.7	25.9	26.1	26.3	26.5	26.7	26.9
W10	24.1	24.3	24.5	24.7	24.9	25.1	25.3	25.5	25.7	25.9	26.1	26.3	26.5	26.7	26.9
Mean	24.1	24.3	24.5	24.7	24.9	25.1	25.3	25.5	25.7	25.9	26.1	26.3	26.5	26.7	26.9
STDEV	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.0

Group 5: GBCS90 (6.4 mg/kg) and IPN-e2b (16.1 mg/kg) (4 kg mp/kg)

Group 5: GBCS90 (6.4 mg/kg) and IPN-e2b (16.1 mg/kg) (4 kg mp/kg)															
Date	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	4500	4600	4700	4800
Days	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
W11	24.1	24.3	24.5	24.7	24.9	25.1	25.3	25.5	25.7	25.9	26.1	26.3	26.5	26.7	26.9
W12	24.1	24.3	24.5	24.7	24.9	25.1	25.3	25.5	25.7	25.9	26.1	26.3	26.5	26.7	26.9
W13	24.1	24.3	24.5	24.7	24.9	25.1	25.3	25.5	25.7	25.9	26.1	26.3	26.5	26.7	26.9
W14	24.1	24.3	24.5	24.7	24.9	25.1	25.3	25.5	25.7	25.9	26.1	26.3	26.5	26.7	26.9
W15	24.1	24.3	24.5	24.7	24.9	25.1	25.3	25.5	25.7	25.9	26.1	26.3	26.5	26.7	26.9
W16	24.1	24.3	24.5	24.7	24.9	25.1	25.3	25.5	25.7	25.9	26.1	26.3	26.5	26.7	26.9
W17	24.1	24.3	24.5	24.7	24.9	25.1	25.3	25.5	25.7	25.9	26.1	26.3	26.5	26.7	26.9
W18	24.1	24.3	24.5	24.7	24.9	25.1	25.3	25.5	25.7	25.9	26.1	26.3	26.5	26.7	26.9
W19	24.1	24.3	24.5	24.7	24.9	25.1	25.3	25.5	25.7	25.9	26.1	26.3	26.5	26.7	26.9
W10	24.1	24.3	24.5	24.7	24.9	25.1	25.3	25.5	25.7	25.9	26.1	26.3	26.5	26.7	26.9
Mean	24.1	24.3	24.5	24.7	24.9	25.1	25.3	25.5	25.7	25.9	26.1	26.3	26.5	26.7	26.9
STDEV	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.1	3.3	3.5	3.7	3.9	4.1	4.3	4.5

Group 6: GBCS90 (6.4 mg/kg) and IPN-e2b (16.1 mg/kg) (4 kg mp/kg)

Group 6: GBCS90 (6.4 mg/kg) and IPN-e2b (16.1 mg/kg) (4 kg mp/kg)															
Date	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	4500	4600	4700	4800
Days	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
W11	24.1	24.3	24.5	24.7	24.9	25.1	25.3	25.5	25.7	25.9	26.1	26.3	26.5	26.7	26.9
W12	24.1	24.3	24.5	24.7	24.9	25.1	25.3	25.5	25.7	25.9	26.1	26.3	26.5	26.7	26.9
W13	24.1	24.3	24.5	24.7	24.9	25.1	25.3	25.5	25.7	25.9	26.1	26.3	26.5	26.7	26.9
W14	24.1	24.3	24.5	24.7	24.9	25.1	25.3	25.5	25.7	25.9	26.1	26.3	26.5	26.7	26.9
W15	24.1	24.3	24.5	24.7	24.9	25.1	25.3	25.5	25.7	25.9	26.1	26.3	26.5	26.7	26.9
W16	24.1	24.3	24.5	24.7	24.9	25.1	25.3	25.5	25.7	25.9	26.1	26.3	26.5	26.7	26.9
W17	24.1	24.3	24.5	24.7	24.9	25.1	25.3	25.5	25.7	25.9	26.1	26.3	26.5	26.7	26.9
W18	24.1	24.3	24.5	24.7	24.9	25.1	25.3	25.5	25.7	25.9	26.1	26.3	26.5	26.7	26.9
W19	24.1	24.3	24.5	24.7	24.9	25.1	25.3	25.5	25.7	25.9	26.1	26.3	26.5	26.7	26.9
W10	24.1	24.3	24.5	24.7	24.9	25.1	25.3	25.5	25.7	25.9	26.1	26.3	26.5	26.7	26.9
Mean	24.1	24.3	24.5	24.7	24.9	25.1	25.3	25.5	25.7	25.9	26.1	26.3	26.5	26.7	26.9
STDEV	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6

Experiment Number: Pmc-e20: Technician(s): R. Ball; The Experiment Started on: 3/6/2000.

Body Weight Changes

五山

Group 4: Fe^{2+} (64 mg/kg) and Fe^{3+} (102 mg/kg) (1:1 mg/kg)

Date	14000	18000	21000	24000	27000	30000	33000	36000	39000	42000	45000	48000	411000	40000	42400	51000	54000
W11	24.1	24.8	24.5	24.6	24.7	24.8	24.8	24.8	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
W12	23.1	24.5	24.1	24.2	24.1	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
W13	22.2	23.6	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
W14	23.6	24	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
W15	23	23.9	23.6	24	24	24	24	24	24	24	24	24	24	24	24	24	24
W16	23.2	23.6	23.3	23.8	23.6	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
W17	23.1	24.5	24.5	24.4	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
W18	26.6	26.6	26.6	26.9	26.6	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
W19	24.6	24.9	24.8	24.4	24	24	24	24	24	24	24	24	24	24	24	24	24
W110	21.5	22.5	23	23.1	23.2	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
Mean	23.6	24.3	24.0	24.1	24.0	24.1	24.0	24.1	24.0	24.1	24.0	24.1	24.0	24.1	24.0	24.1	24.0
Stdev	1.4	1.3	1.3	1.3	0.8	1.2	1.3	0.8	1.2	1.3	0.8	1.2	1.3	0.8	1.2	1.3	0.8

Group 5: ~~unexposed~~ (6A mg/kg) and (FN-22b (5x10⁻⁶ U/kg mg/kg)

[illegible]

Group 6: $^{64}\text{Zn}(\text{K}\alpha)$ and $^{64}\text{Zn}(\text{K}\beta)$ (2.5 r) 0+6 W'K g m'g'by

Date	Y-500	3000	3r1000	5r1000	20r000	32r1000	32r1000	41r1000	41r1000	41r1000	42r100	42r100	47r000	54r000			
Days	1	4	8	11	15	21	25	29	32	36	39	43	46	50	53	57	60
W11	22.9	23	23.9	23.7	24	23.9	25	25.1									
W12	24.1	26.0	24.9	25.4	25.9	24.9	25.2	25.4	25.6								
W13	26.5	26.6	26.6	28.4	28.2	28.1	28.5	28.1	28.4	28	29.7	28.9	29.2	29.4	29.5	29.4	29.8
W14	23.7	24.4	24.4	23.6	25	24.9	25	24.9	25.1	24.9	25.6	25.6	25.7	26.4	27.4	26.6	26.3
W15	23	23	22.8	22.2	22	23											
W16	24.6	23.3	25	24.3	25.6												
W17	24.7	24.9	25.3	26.8	27.2												
W18	21.9	26.1	25.3	25.5	26.3												
W19	24.3	26	25.8	26	26.4												
W110	23.1	23.9	23.2	21.9	27.2												
Mean	24.0	25.0	24.7	24.8	25.4	26.1	25.9	25.9	26.4	26.5	27.7	27.3	27.3	27.9	28.5	28.0	28.1
Stdevy	6.2	1.3	1.2	2.0	2.2	2.3	1.7	1.5	1.8	2.2	2.9	2.3	2.5	2.1	1.5	2.0	2.5

Experiment Number: Pance-20 Technician(s): R. Bell The Experiment Started on: 1/6/2000
Begin Weight Changes

Group 4: GBC590 (6.4 mg/kg) and IPN-27b (10x18x6 U/kg mg/kg)																			
Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
W1	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
W2	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
W3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
W4	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
W5	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
W6	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
W7	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
W8	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
W9	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
W10	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
Mean	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
STDEV	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3

Group 5: GBC590 (6.4 mg/kg) and IPN-27b (5x18x6 U/kg mg/kg)																			
Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
W1	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
W2	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
W3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
W4	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
W5	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
W6	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
W7	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
W8	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
W9	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
W10	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
Mean	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
STDEV	1.7	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9

Group 6: GBC590 (6.4 mg/kg) and IPN-27b (2x18x6 U/kg mg/kg)																			
Date	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
W1	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
W2	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
W3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
W4	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
W5	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
W6	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
W7	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
W8	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
W9	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
W10	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
Mean	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
STDEV	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2

Experiment Number: Panc-20; Technician(s): R. Ball; The Experiment Started on: 3/6/2009

Body Weight Change

Date	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400
Days	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Gp 1	21.6	24.0	21.9	21.9	21.5	24.9	26.7	27.3	27.7	27.7	27.4										
Gp 2	23.4	24.7	25.1	25.1	25.3	25.2	26.5	26.7	27.4	27.9	27.9										
Gp 3	23.1	23.9	24.1	24.7	24.8	23.9	24.7	24.7	24.8	24.7	24.7										
Gp 4	21.6	24.3	24.1	24.1	24.1	24.1	25.3	25.3	25.3	25.3	25.3										
Gp 5	24.6	25.3	25.5	25.3	25.6	25.4	26.2	25.4	25.3	26.3	26.4										
Gp 6	24.1	24.7	24.8	25.4	25.4	25.1	25.9	25.9	26.4	26.5	27.7										
Percent Mean Body Weight Change																					
Date	3400	3500	3600	3700	3800	3900	4000	4100	4200	4300	4400	4500	4600	4700	4800	4900	5000	5100	5200	5300	5400
Days	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Gp 1	0.0%	1.7%	1.3%	1.3%	5.9%	5.5%	10.2%	15.7%	17.4%	17.4%	16.9%										
Gp 2	0.0%	5.6%	7.3%	6.8%	8.1%	7.7%	13.2%	14.1%	17.1%	18.2%	19.2%										
Gp 3	0.0%	3.9%	4.8%	7.4%	7.8%	5.9%	7.4%	5.7%	5.2%	5.7%	4.3%										
Gp 4	0.0%	3.0%	1.7%	2.1%	1.7%	2.1%	5.8%	8.1%	5.8%	0.0%	0.8%	0.0%	0.8%	0.8%	0.0%	2.1%	0.0%	1.3%	-0.8%		
Gp 5	0.0%	2.8%	3.7%	2.8%	4.1%	3.3%	5.7%	3.3%	2.0%	2.8%	3.6%	7.3%	8.9%	7.3%	7.3%	7.3%	7.3%	9.5%	11.8%		
Gp 6	0.0%	4.2%	2.9%	3.3%	5.8%	4.6%	7.9%	7.9%	10.0%	10.4%	11.4%	13.8%	14.6%	16.3%	11.8%	16.7%	16.7%	17.1%			

Experiment Number: Panc-20; Technician(s): R. Ball; Calculation of Time forumor 10 Grow 16 1.7. 6PM

[illegible][illegible]

Experiment Number: Panc-e20: Technician(s): R. Ball: Calculation of Time For Tumor To Grow To 1.2 Gram

Group 1: Vehicle (— mg/kg)

Sub	Before 1.2 g or Dead	After 1.2 g or Dead	Greater than 1.2 g	Days to 1.2 g
Date	W	T	F	Th
1	2/2/80	2/2/80	2/2/80	2/2/80
2	2/2/80	2/2/80	2/2/80	2/2/80
3	2/2/80	2/2/80	2/2/80	2/2/80
4	2/2/80	2/2/80	2/2/80	2/2/80
5	2/2/80	2/2/80	2/2/80	2/2/80
6	2/2/80	2/2/80	2/2/80	2/2/80
7	2/2/80	2/2/80	2/2/80	2/2/80
8	2/2/80	2/2/80	2/2/80	2/2/80
9	2/2/80	2/2/80	2/2/80	2/2/80
10	2/2/80	2/2/80	2/2/80	2/2/80

Mean Day of Tumor Reach 1.2 g

SEM

Toxic Death

No. of Mice Whose Tumors Have Not Reached 1.2 g

100	100	100	100	100
100	100	100	100	100
100	100	100	100	100
100	100	100	100	100
100	100	100	100	100
100	100	100	100	100
100	100	100	100	100
100	100	100	100	100
100	100	100	100	100
100	100	100	100	100
100	100	100	100	100

Group 2: CBC590 (6.4 mg/kg)

Sub	Before 1.2 g or Dead	After 1.2 g or Dead	Greater than 1.2 g	Days to 1.2 g
Date	W	T	F	Th
1	2/2/80	2/2/80	2/2/80	2/2/80
2	2/2/80	2/2/80	2/2/80	2/2/80
3	2/2/80	2/2/80	2/2/80	2/2/80
4	2/2/80	2/2/80	2/2/80	2/2/80
5	2/2/80	2/2/80	2/2/80	2/2/80
6	2/2/80	2/2/80	2/2/80	2/2/80
7	2/2/80	2/2/80	2/2/80	2/2/80
8	2/2/80	2/2/80	2/2/80	2/2/80
9	2/2/80	2/2/80	2/2/80	2/2/80
10	2/2/80	2/2/80	2/2/80	2/2/80

Mean Day of Tumor Reach 1.2 g

SEM

Toxic Death

No. of Mice Whose Tumors Have Not Reached 1.2 g

100	100	100	100	100
100	100	100	100	100
100	100	100	100	100
100	100	100	100	100
100	100	100	100	100
100	100	100	100	100
100	100	100	100	100
100	100	100	100	100
100	100	100	100	100
100	100	100	100	100
100	100	100	100	100

Group 3: IFN- α 2b (1000 U/kg mg/kg)

Sub	Before 1.2 g or Dead	After 1.2 g or Dead	Greater than 1.2 g	Days to 1.2 g
Date	W	T	F	Th
1	2/2/80	2/2/80	2/2/80	2/2/80
2	2/2/80	2/2/80	2/2/80	2/2/80
3	2/2/80	2/2/80	2/2/80	2/2/80
4	2/2/80	2/2/80	2/2/80	2/2/80
5	2/2/80	2/2/80	2/2/80	2/2/80
6	2/2/80	2/2/80	2/2/80	2/2/80
7	2/2/80	2/2/80	2/2/80	2/2/80
8	2/2/80	2/2/80	2/2/80	2/2/80
9	2/2/80	2/2/80	2/2/80	2/2/80
10	2/2/80	2/2/80	2/2/80	2/2/80

Mean Day of Tumor Reach 1.2 g

SEM

Toxic Death

No. of Mice Whose Tumors Have Not Reached 1.2 g

100	100	100	100	100
100	100	100	100	100
100	100	100	100	100
100	100	100	100	100
100	100	100	100	100
100	100	100	100	100
100	100	100	100	100
100	100	100	100	100
100	100	100	100	100
100	100	100	100	100
100	100	100	100	100

Group 4: CBC590 (6.4 mg/kg) and IFN- α 2b (1000 U/kg mg/kg)

Sub	Before 1.2 g or Dead	After 1.2 g or Dead	Greater than 1.2 g	Days to 1.2 g
Date	W	T	F	Th
1	2/2/80	2/2/80	2/2/80	2/2/80
2	2/2/80	2/2/80	2/2/80	2/2/80
3	2/2/80	2/2/80	2/2/80	2/2/80
4	2/2/80	2/2/80	2/2/80	2/2/80
5	2/2/80	2/2/80	2/2/80	2/2/80
6	2/2/80	2/2/80	2/2/80	2/2/80
7	2/2/80	2/2/80	2/2/80	2/2/80
8	2/2/80	2/2/80	2/2/80	2/2/80
9	2/2/80	2/2/80	2/2/80	2/2/80
10	2/2/80	2/2/80	2/2/80	2/2/80

Mean Day of Tumor Reach 1.2 g

SEM

Toxic Death

No. of Mice Whose Tumors Have Not Reached 1.2 g

Group 5: CBC590 (6.4 mg/kg) and IFN- α 2b (1000 U/kg mg/kg)

Sub	Before 1.2 g or Dead	After 1.2 g or Dead	Greater than 1.2 g	Days to 1.2 g
Date	W	T	F	Th
1	2/2/80	2/2/80	2/2/80	2/2/80
2	2/2/80	2/2/80	2/2/80	2/2/80
3	2/2/80	2/2/80	2/2/80	2/2/80
4	2/2/80	2/2/80	2/2/80	2/2/80
5	2/2/80	2/2/80	2/2/80	2/2/80
6	2/2/80	2/2/80	2/2/80	2/2/80
7	2/2/80	2/2/80	2/2/80	2/2/80
8	2/2/80	2/2/80	2/2/80	2/2/80
9	2/2/80	2/2/80	2/2/80	2/2/80
10	2/2/80	2/2/80	2/2/80	2/2/80

Mean Day of Tumor Reach 1.2 g

SEM

Toxic Death

No. of Mice Whose Tumors Have Not Reached 1.2 g

Group 6: CBC590 (6.4 mg/kg) and IFN- α 2b (2500 U/kg mg/kg)

Sub	Before 1.2 g or Dead	After 1.2 g or Dead	Greater than 1.2 g	Days to 1.2 g
Date	W	T	F	Th
1	2/2/80	2/2/80	2/2/80	2/2/80
2	2/2/80	2/2/80	2/2/80	2/2/80
3	2/2/80	2/2/80	2/2/80	2/2/80
4	2/2/80	2/2/80	2/2/80	2/2/80
5	2/2/80	2/2/80	2/2/80	2/2/80
6	2/2/80	2/2/80	2/2/80	2/2/80
7	2/2/80	2/2/80	2/2/80	2/2/80
8	2/2/80	2/2/80	2/2/80	2/2/80
9	2/2/80	2/2/80	2/2/80	2/2/80
10	2/2/80	2/2/80	2/2/80	2/2/80

Mean Day of Tumor Reach 1.2 g

SEM

Toxic Death

No. of Mice Whose Tumors Have Not Reached 1.2 g